# PATENT COOPERATION TREATY

# **PCT**

REC'D 29	OCT 2004	
WIPO	PCT	γ.

# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

28 FEB2005

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PC-21005344	FOR FURTHER ACTIO		CT/IPEA/416		
International application No.	International filing date (day	/month/year)	Priority date (day/month/year)		
PCT/SE 2003/001318	27.08.2003		28.08.2002		
International Patent Classification (IPC) o	r national classification and I	PC	1		
B02C 19/00					
		··			
Applicant					
Sandvik AB et al					
This report is the international pro- Authority under Article 35 and to	eliminary examination report, ransmitted to the applicant acc	established by thi cording to Article	is International Preliminary Examining 36.		
2. This REPORT consists of a total	of 3 sheets, in	cluding this cover	r sheet.		
3. This report is also accompanied t	by ANNEXES, comprising:				
<b>"</b>		earu) a total of	sheets, as follows:		
- Array after	description alaims and/or dr	awings which hav	e been amended and are the basis of this report		
and/or sheet	s containing rectifications aut	horized by this Au	othority (see Rule 70.16 and Section 607 of the		
Administrati	ive Instructions).		1		
sheets which beyond the Supplement	disclosure in the international	application as file	rity considers contain an amendment that goes d, as indicated in item 4 of Box No. I and the		
		indicate type and	number of electronic carrier(s))		
b (sent to the Internat	containino containino	a sequence listing	g and/or tables related thereto, in computer		
readable form only,	as indicated in the Suppleme	ntal Box Relating	to Sequence Listing (see Section 802 of the		
Administrative Inst	ructions).				
4. This report contains indications		s:			
Box No. I Basis	of the report				
Box No. II Priori	•				
Box No. III Non-	establishment of opinion with	regard to novelty	, inventive step and industrial applicability		
Box No. IV Lack	of unity of invention				
Box No. V Reas	La contractive step or industrial				
	ain documents cited				
1 1					
Box No. VIII Certain observations on the international application					
		D. 1 6 Jaki	of this report		
Date of submission of the demand		Date of completion	on or any report		
		05 10 000	24		
25.03.2004		25.10.200			
Name and mailing address of the IPEA	VSE	Authorized office	er		
Patent- och registreringsverk Box 5055		_ , ., .	nu domentu /mr V		
S-102 42 STOCKHOLM	0		Andersson/ELY -46 8 782 25 00		



## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

45	
ntermational	application

PCT/SE 2003/001318

Box	No. I	Basis of the report
1.	With r	regard to the language, this report is based on the international application in the language in which it was filed, unless wise indicated under this item.
		This report is based on a translation from the original language into the following language which is the language of a translation furnished for the purposes of:
		international search (under Rules 12.3 and 23.1(b))
		publication of the international application (under Rule 12.4)
		international preliminary examination (under Rules 55.2 and/or 55.3)
2.	furnis	regard to the elements of the international application, this report is based on (replacement sheets which have been shed to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" are not annexed to this report):
	$\boxtimes$	the international application as originally filed/furnished
		the description:
İ		pages as originally filed/furnished
		pages* received by this Authority on
		pages* received by this Authority on
1		the claims: as originally filed/furnished
		pages as arroyaled (together with any statement) under Article 19
		pages he this Authority on
		pages* received by this Authority on
		pa5co
		the drawings:  as originally filed/furnished
		pages received by this Authority on
		pages* received by this Authority on
		a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3	. [	The amendments have resulted in the cancellation of:
1		the description, pages
		the claims, Nos.
1		the drawings, sheets/figs
1		the sequence listing (specify):
		any table(s) related to the sequence listing (specify):
4	4.	This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rul 70.2(c)).
		the description, pages
		the claims, Nos.
		the drawings, sheets/figs
		the sequence listing (specify):
		any table(s) related to the sequence listing (specify):
	± 7£.	item 4 applies, some or all of those sheets may be marked "superseded."
İ	· IJ	ticit 4 approx, some of an of mose mere may





Box No. V Reasoned statement under Article 3 citations and explanations supporti		5(2) with regard to novelty, inventive s ag such statement	step or industrial applicability;		
1.	Statement				
	Novel	tv (N)	Claims	1-11	YES
	,	<i>3</i> (2)	Claims		NO NO
	Inven	tive step (IS)	Claims	1-11	YES
			Claims		NO
	Indus	trial applicability (IA)	Claims	1-11	YES
			Claims		NO NO

2. Citations and explanations (Rule 70.7)

Document cited in the International Search Report: D1: US 5037035 A

The cited document represents the general state of the art.

The invention defined in claims 1-11 is not disclosed by this document.

The cited prior art does not give any indication that would lead a person skilled in the art to the claimed wear part for a crusher. Therefore, the claimed invention is not obvious to a person skilled in the art.

Accordingly, the invention defined in claims 1-11 is novel and is considered to involve an inventive step.

The invention is industrially applicable.

Ì

→ BURNS



28 FEB 2005

### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PC-21005344		TIN PCT/IPEA/416		
Interpational application No.	International filing date (day/month/year)	Priority date (day/month/year)		
PCT/SE 2003/001318	27.08.2003	28.08.2002		
International Patent Classification (IPC) B02C 19/00	or national classification and IPC	·		
Applicant DR of all				
Sandvik AB et al				
This report is the international pr Authority under Article 35 and t	reliminary examination report, established by transmitted to the applicant according to Arti	y this International Preliminary Exemining cle 36.		
2. This REPORT consists of a total	of 3 sheets, including this c	over sheet.		
3. This report is also accompanied l	by ANNEXES, comprising:			
a. (sent to the applican	st and to the International Bureau) a total of	sheets, as follows:		
and/or sheet Administration sheets which beyond the of Supplement b. (sent to the Internation	is containing rectifications authorized by this ive Instructions). In superscde carlier sheets, but which this Au- disclosure in the international application as al Box.  ional Bureau only) a total of (indicate type a	have been amended and are the basis of this report Authority (see Rule 70.16 and Section 607 of the thority considers commin an amendment that goes filed, as indicated in item 4 of Box No. I and the and number of electronic carrier(s)) ting and/or tables related thereto, in computering to Sequence Listing (see Section 802 of the		
4. This report contains indications	relating to the following items:			
	of the report			
Box No. II Priorit	ty			
Box No. III Non-e	establishment of opinion with regard to nove	ty, inventive step and industrial applicability		
Box No. IV Lack	of unity of invention			
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement  Box No. VI Certain documents cited				
	in defects in the international application			
	in observations on the international applicati	on		
Date of submission of the demand	Date of comple	tion of this report		
25.03.2004	25.10.20	004		
Name and mailing address of the IPEA/				
Patent- och registreringsverke	i i			
E-102 12 STOCKHOLM		Andersson/ELY		
Facsimile No. +46 8 667 72 88	Telephone No.	Telephone No. +46 8 782 25 00		

Form PCT/IPEA/409 (cover sheet) (January 2004)





### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

		The state of the s		PCT/SE 2003/001318			
Box	(No. I	Basis of the report					
1.	<ol> <li>With regard to the language, this report is based on the international application in the Isnguage in which it was filed, unless otherwise indicated under this item.</li> </ol>						
	This report is based on a translation from the original language into the following language which is the language of a translation furnished for the purposes of:						
		international search (under Rules 12.3 and 2					
		publication of the international application	` . ·				
		international preliminary examination (und	er Rules 55.2 and/or 55.3	)			
2.	furnish	regard to the elements of the international applicated to the receiving Office in response to an invitation of the root annexed to this report):	ion under Article 14 are				
	Ä	the international application as originally filed/furn	Denau				
	Ш	the description:		as originally filed/furnished			
		pages*		as originally nied/fumished			
		pages*		<del>-</del> <del></del> -			
		the claims:		· ————————————————————————————————————			
	_	pages		as originally filed/furnished			
		pages*	as amended (t	ogether with any statement) under Article 19			
				ity on			
			received by this Authori	ity on			
		the drawings:					
		pages *	received by this Ad.	as originally filed/furnished			
				ity on			
		a sequence listing and/or any related table(s) - see					
3.		The amendments have resulted in the cancellation of	of:				
		the description, pages					
		the claims, Nos.					
		the drawings, sheets/figs					
		the sequence listing (specify):					
		any table(s) related to the sequence listing	g (specify):				
4.		This report has been established as if (some of) t made, since they have been considered to go beyo 70.2(c)).					
		the description, pages					
		the drawings, sheets/figs					
		the sequence listing (specify):					
		any table(s) related to the sequence listing	g (spectfy):				
۲	If iten	4 applies, some or all of those sheets may be marke	d "superseded."				

Form PCT/IPEA/409 (Box No. I) (January 2004)





'05 02/03 11:52 FAX 46 26 261089

### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE 2003/001318

Box No. V	Reasoned statement u citations and explanat	nder Article 3 Ions supportí	5(2) with regaing such statem	rd to novelty, inv ent	entive step or	industrial appli	cability;
1. Statement					1		
Novelt	y (N)	Claims Claims	1-11	<u> </u>			YES NO
Inventi	ivo step (TS)	Claims Claims	1-11	!			YES NO
Industr	ial applicability (IA)	Claims Claims	1-11				YES

2. Citations and explanations (Rule 70.7)

Ċ

Document cited in the International Search Report: D1: US 5037035 A

The cited document represents the general state of the art.

The invention defined in claims 1-11 is not disclosed by this document.

The cited prior art does not give any indication that would lead a person skilled in the art to the claimed wear part for a crusher. Therefore, the claimed invention is not obvious to a person skilled in the art.

Accordingly, the invention defined in claims 1-11 is novel and is considered to involve an inventive step.

The invention is industrially applicable.